

# PERCENT STUDENT STATION UTILIZATION OF OCCUPIED CLASSROOMS AND CLASS LABORATORIES

## TABLE 7

The statistics which reflect percent of student utilization are extremely valuable when planning new facilities. They provide a general guide for the need for various sizes of classrooms and laboratories. The comparison between how well the teaching facilities accommodate the size of the classes being conducted in them is helpful; however, the ratio does not indicate how efficiently the facilities are being used. It must be noted that data in Table 7 only include rooms which are in use (scheduled), and is, therefore, an indication of how the capacity of the room is matched to the number of students in the class.

The percent of student station utilization is derived from the ratio of the total student hours of instruction to the potential student hours of instruction. The total student hours of instruction is defined as the enrollment of the class multiplied by the hours the class meets per day which is then multiplied by the number of days per week the class meets. The potential student hours of instruction is defined as the number of hours that the course meets each week, rounded to the nearest half hour, multiplied by the number of days per week the class meets. This figure is then multiplied by the capacity of the room.

Norm: Classrooms - 60% Student Station Utilization  
Laboratories - 80% Student Station Utilization

$$\text{Percent Student Station Utilization} = \frac{\text{Total Student Hours of Instruction}}{\text{Potential Student Hours of Instruction}}$$

As we continue with the sample data:

ENROLL- MENT	ROOM TYPE	CAPACITY	
33	110	3 days * 1 hour * 33 = 99	50
40	110	2 days * 1.5 hr * 40 = 120	50
46	110	3 days * 1 hour * 46 = 138	50
26	110	2 days * 1.5 hr * 26 = 78	50
52	110	3 days * 1 hour * 52 = 156	50

3 days * 1 hour * 50 = 150
2 days * 1.5 hr * 50 = 150
3 days * 1 hour * 50 = 150
2 days * 1.5 hr * 50 = 150
3 days * 1 hour * 50 = 150

45	110	3 days * 1 hour * 45 = 135	50	3 days * 1 hour * 50 = 150
54	110	2 days * 1.5 hr * 54 = 162	50	2 days * 1.5 hr * 50 = 150
26	110	3 days * 1 hour * 26 = 78	50	3 days * 1 hour * 50 = 150
30	110	3 days * 1 hour * 30 = 90	50	3 days * 1 hour * 50 = 150
39	110	2 days * 1.5 hr * 39 = 117	50	2 days * 1.5 hr * 50 = 150

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		TOTALS	1,173	1,500

17	210	1 day * 3 hrs * 17 = 51	24	1 day * 3 hrs * 24 = 72
14	210	1 day * 3 hrs * 14 = 42	24	1 day * 3 hrs * 24 = 72
25	210	3 days * 1 hour * 25 = 75	40	1 day * 3 hrs * 40 = 120
35	210	3 days * 1 hour * 35 = 105	40	1 day * 3 hrs * 40 = 120
30	210	2 days * 1.5 hr * 30 = 90	40	1 day * 3 hrs * 40 = 120
29	210	1 day * 3 hrs * 29 = 87	40	1 day * 3 hrs * 40 = 120
21	210	1 day * 3 hrs * 21 = 63	40	1 day * 3 hrs * 40 = 120
22	210	1 day * 3 hrs * 22 = 66	40	1 day * 3 hrs * 40 = 120
13	210	1 day * 3 hrs * 13 = 39	24	1 day * 3 hrs * 24 = 72
16	210	1 days * 3 hrs * 16 = 48	24	1 day * 3 hrs * 24 = 72

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		TOTALS	666	1,008

Total Student Hours in Classrooms =	1173	
-----	-----	= .782 or 78%
Capacity in Classrooms =	1500	

Total Student Hours in Class Laboratories =	666	
-----	-----	= .660 or 66%
Capacity in Class Laboratories =	1008	

The report for one institution would look like this:

	FTE	CLASSROOMS	LABORATORIES
Institution	5,411	78.2	66.0

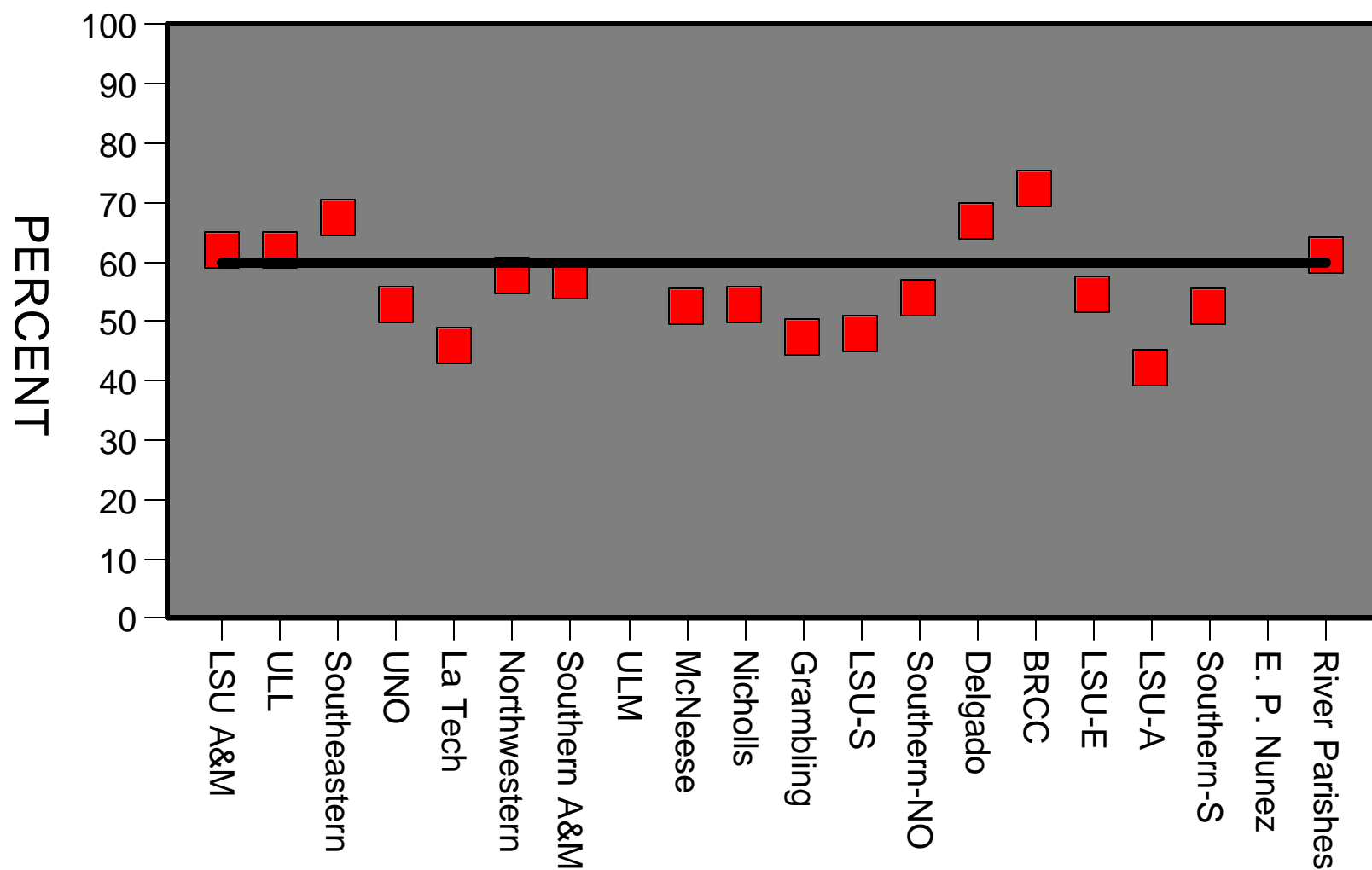
**TABLE 7**  
**PERCENT STUDENT STATION UTILIZATION OF OCCUPIED**  
**CLASSROOMS AND CLASS LABORATORIES**

INSTITUTION	FTE	CLASSROOMS					LABORATORIES				
		2002	2001	2000	1999	1998	2002	2001	2000	1999	1998
PUBLIC FOUR YEAR INSTITUTIONS											
LSU A&M (Including Ag. & Law)	29,452	62.1	58.0	63.7	60.7	61.6	94.4	59.5	63.6	86.5	62.0
University of Louisiana in Lafayette	13,706	62.3	61.2	61.0	66.0	63.4	70.1	68.1	68.8	69.0	68.9
Southeastern Louisiana University	12,877	67.6	68.0	67.6	66.8	69.9	64.0	69.5	52.5	62.1	64.0
University of New Orleans	12,811	53.1	51.5	51.5	49.2	53.0	81.1	75.8	75.8	87.1	68.1
Louisiana Tech University	9,950	46.1	49.2	52.2	53.2	48.6	56.1	53.3	47.9	55.0	47.2
Northwestern State University	8,473	58.0	55.7	48.9	45.7	47.0	51.8	46.3	52.8	51.9	46.1
Southern University A&M	8,409	56.9	58.8	64.8	**	64.8	75.5	73.8	82.6	**	81.9
University of Louisiana in Monroe	7,173	**	**	54.3	51.9	56.4	**	**	67.9	69.5	65.4
McNeese State University	6,982	52.7	53.1	52.6	53.1	46.4	40.9	37.5	38.8	42.6	40.6
Nicholls State University	6,077	53.0	52.0	53.3	53.3	55.7	41.2	50.9	45.9	47.8	45.9
Grambling State University	4,077	47.6	64.3	39.8	45.0	44.0	75.3	71.9	56.7	63.2	68.2
LSU in Shreveport	2,989	48.0	49.2	47.0	**	45.0	55.6	58.6	58.0	**	61.9
Southern University at New Orleans	2,737	54.3	75.1	76.9	80.7	51.5	84.2	112.7	112.8	125.6	77.0
PUBLIC TWO YEAR INSTITUTIONS											
Delgado Community College	9,765	67.2	**	61.0	61.2	61.6	56.7	**	59.8	58.3	48.7
Baton Rouge Community College	3,088	72.7	14.5	85.6	82.2		92.9	21.4	89.6	96.6	
LSU at Eunice	2,135	54.8	49.8	46.0	53.6	45.2	51.8	51.6	40.4	73.8	55.1
LSU at Alexandria	1,977	42.5	40.2	41.2	47.8	44.3	77.6	62.2	66.8	74.0	53.9
Southern University at Shreveport	1,507	52.7	47.9	43.9	46.2	41.7	84.2	69.8	57.2	59.4	55.1
Elaine P. Nunez Community College	1,488	**	44.9	72.2	**	**	**	73.9	60.8	**	**
River Parishes Community College	334	61.4	62.7	59.3	46.2	41.7	58.3	54.1	62.5	59.4	55.1

\*DOES NOT INCLUDE SATURDAY CLASSES

\*\*NOT AVAILABLE

## PERCENT STUDENT STATION UTILIZATION OF OCCUPIED CLASSROOMS (TABLE 7) 2002



## PERCENT STUDENT STATION UTILIZATION OF OCCUPIED CLASS LABS (TABLE 7) 2002

